



OIPE

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/056,229

TIME: 16:11:53

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

ENTERED

see page 5

4 <110> APPLICANT: Remacle, Jose
 5 Hamels, Sandrine
 6 Zammattéo, Nathalie
 7 Lockman, Laurence
 8 Dufour, Sophie
 9 Alexandre, Isabelle
 10 De Longueville, Francoise
 13 <120> TITLE OF INVENTION: IDENTIFICATION OF A LARGE NUMBER OF
 14 BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
 15 LEVELS BY THEIR DETECTION ON A SAME ARRAY
 18 <130> FILE REFERENCE: VANM213.001CP1
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/10/056,229
 C--> 20 <141> CURRENT FILING DATE: 2002-01-23
 20 <150> PRIOR APPLICATION NUMBER: EP 00870055.1
 21 <151> PRIOR FILING DATE: 2000-03-24
 23 <150> PRIOR APPLICATION NUMBER: EP 00870204.5
 24 <151> PRIOR FILING DATE: 2000-03-24
 26 <150> PRIOR APPLICATION NUMBER: US 09/817,014
 27 <151> PRIOR FILING DATE: 2001-03-23
 29 <160> NUMBER OF SEQ ID NOS: 321
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 33 <210> SEQ ID NO: 1
 34 <211> LENGTH: 23
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: primer for amplification of S. aureus
 42 <400> SEQUENCE: 1
 43 cttttgctga tcgtgatgac aaa 23
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 25
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: primer for amplification of S. aureus
 53 <400> SEQUENCE: 2
 54 ttattttaaa atatcacgct cttcg 25
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 23
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: primer for amplification of S. epidermidis

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/056,229

TIME: 16:11:53

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

```
64 <400> SEQUENCE: 3
65 tcgcggtcca gtaatagatt ata 23
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 22
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: primer for amplification of S. epidermidis
75 <400> SEQUENCE: 4
76 tgcatttcca gttatttctc cc 22
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 24
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: primer for amplification of S. haemolyticus
86 <400> SEQUENCE: 5
87 attgatcatg gtattgatag atac 24
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 25
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: primer for amplification of S. haemolyticus
97 <400> SEQUENCE: 6
98 tttaaatcttt ttgagtgtct tatac 25
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 25
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: primer for amplification of S. saprophyticus
108 <400> SEQUENCE: 7
109 taaaatgaaa caactcgggtt ataag 25
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 24
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: primer for amplification of S. saprophyticus
119 <400> SEQUENCE: 8
120 aaactatcca taccattaag tacg 24
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 24
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: primer for amplification of S. hominis
130 <400> SEQUENCE: 9
```

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/056,229

TIME: 16:11:53

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

```

131 cgaccagata acaaaaaagc acaa                24
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 22
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: primer for amplification of S. hominis
141 <400> SEQUENCE: 10
142 gtaattcggt accatgttct aa                22
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 27
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: capture nucleotide ATaur02
152 <400> SEQUENCE: 11
153 atttaaaata tcacgctctt cgttttag            27
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 27
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: capture nucleotide ATepi02
163 <400> SEQUENCE: 12
164 attaagcaca tttctttcat tatttag            27
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 27
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: capture nucleotide ATHae02
174 <400> SEQUENCE: 13
175 atttaaagtt tcacgttcat ttgttaa            27
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 27
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: capture nucleotide ATHom02
185 <400> SEQUENCE: 14
186 atttaatgtc tgacgttctg catgaag            27
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 27
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: capture nucleotide ATsap02
196 <400> SEQUENCE: 15
197 acttaatact tcgcttcag cctttaa            27

```

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/056,229

TIME: 16:11:53

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

```

199 <210> SEQ ID NO: 16
200 <211> LENGTH: 24
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: consensus primer APstap03
207 <400> SEQUENCE: 16
208 ccactcgct tatatagaat ttga 24
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 23
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: consensus primer APstap04
218 <400> SEQUENCE: 17
219 ccactagcgt acatcaattt tga 23
221 <210> SEQ ID NO: 18
222 <211> LENGTH: 25
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: consensus primer APstap05
229 <400> SEQUENCE: 18
230 ggtttaataa agtcaccaac atatt 25
232 <210> SEQ ID NO: 19
233 <211> LENGTH: 47
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi03
240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (1)...(20)
242 <223> OTHER INFORMATION: spacer sequence
244 <400> SEQUENCE: 19
245 gaattcaaag ttgctgagaa attaagcaca tttctttcat tatttag 47
247 <210> SEQ ID NO: 20
248 <211> LENGTH: 67
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi04
255 <221> NAME/KEY: misc_feature
256 <222> LOCATION: (1)...(40)
257 <223> OTHER INFORMATION: spacer sequence
259 <400> SEQUENCE: 20
260 gaattcaaag ttgctgagaa tagttcaatg gaaggaagcg attaagcaca tttctttcat 60
261 tatttag 67
263 <210> SEQ ID NO: 21
264 <211> LENGTH: 87

```

RAW SEQUENCE LISTING

DATE: 02/14/2002

PATENT APPLICATION: US/10/056,229

TIME: 16:11:53

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

```

265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi05
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (1)...(60)
273 <223> OTHER INFORMATION: spacer sequence
275 <400> SEQUENCE: 21
276 gaattcaaag ttgctgagaa tagttcaatg gaaggaagcg ttttcttaaa atctaaagaa 60
277 attaagcaca tttctttcat tatttag 87
279 <210> SEQ ID NO: 22
280 <211> LENGTH: 67
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Ataur27
287 <221> NAME/KEY: misc_feature
288 <222> LOCATION: (1)...(40)
289 <223> OTHER INFORMATION: spacer sequence
291 <400> SEQUENCE: 22
292 gaattcaaag ttgctgagaa tagttcaatg gaaggaagcg atttaaaata tcacgctctt 60
293 cgttttag 67
295 <210> SEQ ID NO: 23
296 <211> LENGTH: 67
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Atepi27
303 <221> NAME/KEY: misc_feature
304 <222> LOCATION: (1)...(40)
305 <223> OTHER INFORMATION: spacer sequence
307 <400> SEQUENCE: 23
308 gaattcaaag ttgctgagaa tagttcaatg gaaggaagcg attaagcaca tttctttcat 60
309 tatttag 67
311 <210> SEQ ID NO: 24
312 <211> LENGTH: 67
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Athae27
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (1)...(40)
321 <223> OTHER INFORMATION: spacer sequence
323 <400> SEQUENCE: 24
324 gaattcaaag ttgctgagaa tagttcaatg gaaggaagcg atttaaagtt tcacgttcat 60
325 tttgtaa 67
327 <210> SEQ ID NO: 25
328 <211> LENGTH: 67
329 <212> TYPE: DNA

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/056,229

DATE: 02/14/2002

TIME: 16:11:54

Input Set : A:\VANM213001CIPSEQLIST.txt

Output Set: N:\CRF3\02142002\J056229.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application No

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28

L:1539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129

L:2416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207

L:2431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208

L:2582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222

L:2617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223

L:3023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257